AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1-29.   (Canceled)

30.   (Currently amended) A method for trading a security through a network accessible brokerage, comprising:

receiving from a client of the network accessible brokerage at least one computer implemented decision model for the security wherein the decision model comprises a mathematical function for receiving data and providing at least one value wherein the at least one value is compared to a decision point for deciding to buy or sell the security, wherein the mathematical function comprises a moving average of data for the security;

inputting data into the decision model;

computer implemented monitoring the decision model for the decision to buy the security wherein monitoring the decision model comprises resolving the mathematical function and comparing the at least one value to the decision point;

in response to monitoring said decision model, automatically generating a buy transaction order for the security;

automatically transmitting the buy transaction order to a market computer;

after the step of transmitting the buy transaction, monitoring the decision model;

in response to monitoring said decision model, automatically generating a sell transaction order for the security; and

automatically transmitting the sell transaction order to the market computer.

31.   (Previously presented) A method as recited in claim 30 wherein the step of generating a transaction order comprises after the step of generating a sell order;

monitoring the sell order until the order is filled;

monitoring the decision model; and

canceling the sell order if the decision model indicates a trade is undesirable.

32.   (Previously presented) A method as recited in claim 30 further comprising after the step of transmitting the buy transaction order to the market computer:

confirming the buy transaction;

initiating a floating stop loss;

monitoring the floating stop loss for a stop loss decision to sell the security;

if a stop loss decision to sell is reached then automatically transmitting a stop loss sell transaction order for the security to the market computer.

33.   (Previously presented) A method as recited in claim 32 wherein said floating stop loss comprises a dynamic stop loss.

34.   (Canceled)

35.   (Currently amended) A process for automated trading of a security through a brokerage computer system in communication with a client computer system, comprising:

providing a brokerage having a brokerage computer system for transacting orders to buy and sell securities, wherein the brokerage computer system is in communication with a plurality of client computer systems;

receiving to the brokerage computer system from the client computer system at least one computer implemented buy decision model for the security wherein the decision to buy is not based only on price data for the security;

receiving to the brokerage computer system from the client computer system at least one computer implemented sell decision model for the security;

providing a computer implemented monitoring process on the brokerage computer system for monitoring the decision models for a buy decision or a sell decision;

providing a computer implemented transaction approval process on the brokerage computer system for determining after the decision to buy or sell the security is made if a transaction to buy or sell the security is appropriate;

providing a computer implemented transaction submission process on the brokerage computer system for submitting a transaction to buy or sell the security to a market computer system and monitoring the transaction until it is completed;

inputting data into the buy decision model and the sell decision model wherein the data comprises data for the security wherein the data is input into the decision models at the brokerage computer system;

monitoring the decision models through the monitoring process for at least one of the buy decision or the sell decision;

if the buy decision is reached then determining through the transaction approval process if a buy transaction is appropriate and if so then automatically submitting to the market computer system through the transaction submission process an order to buy the security;

if the sell decision is reached then determining through the transaction approval process if a sell transaction is appropriate and if so then automatically submitting to the market computer system through the transaction submission process an order to sell the security; and

continuing inputting data into the decision models, monitoring the decision models through the monitoring process, and repeating the steps if the buy decision is reached or the sell

decision is reached until the process is stopped, wherein the process allows for repeated buying and selling the security without stopping between transactions.

36.   (Canceled)

37.   (Previously presented)   A process for automated trading a security through a network accessible brokerage in communication with a client comprising the steps of:

a.   providing a network accessible brokerage comprising a brokerage computer system;

b.   accepting to the brokerage computer system from the client one or more computer implemented decision models for a security wherein the one or more decision models comprise logic for deciding to buy the security and logic for deciding to sell the security wherein the logic comprises a mathematical expression, wherein the mathematical expression comprises a moving average of data for the security;

c.   providing on the brokerage computer system a computer implemented monitoring process for monitoring the one or more decision models for a decision to buy the security or a decision to sell the security wherein the monitoring process comprises resolving the mathematical expression;

d.   providing on the brokerage computer system a computer implemented transaction approval process for determining if a transaction to buy or sell the security is appropriate once the decision to buy or the decision to sell has been made;

e.   providing on the brokerage computer system a computer implemented transaction submission process for submitting the transaction to buy or sell the security to a market computer system and monitoring the transaction until it is completed;

f. inputting data into the one or more decision models, wherein the data is input into the one or more decision models until the process is stopped;

g. monitoring the one or more decision models using the monitoring process, for the decision to buy or the decision to sell;

h. if the decision to buy or the decision to sell is reached then determining using the transaction approval process if a buy or sell transaction is appropriate and if so then automatically submitting using the transaction submission process an order to buy or sell the security; and

i. iteratively repeating above steps g. and h. until the process is stopped.

38. (Canceled)

39. (Previously presented) The process of claim 37 wherein the decision model comprises a weighted data process.

40. (Previously presented) The process of claim 37, further comprising:

after the steps of submitting an order to buy the security and monitoring the transaction until it is completed, automatically initiating a floating stop loss process for selling the security wherein either the floating stop loss process or the decision model can reach a decision to sell the security.

41. (Previously presented) The floating stop loss of claim 40 wherein the floating stop loss is a dynamic floating stop loss.

42. (Previously presented) The process of claim 37 further comprising the step of validating the data before the step of inputting the data into the decision model.

43. (Previously presented) The process of claim 37 wherein the decision model further comprises logic to sell short the security and logic to buy to cover the security.

44. (Previously presented) An automated trading system for trading securities through an network accessible brokerage, the automated trading system comprising:

at least one client computer in communication with the automated trading system via the network wherein the client computer is operated by a client computer user;

at least one computer implemented decision model for deciding whether to buy or sell a security wherein the decision model comprises a mathematical expression for receiving data and providing at least one value wherein the at least one value is compared to a decision point for deciding to buy or sell the security, wherein the at least one decision model enters a state comprising a buy state and a sell state, wherein the mathematical expression comprises a mathematical function;

a data input processor for receiving data from a data source and inputting the data into the decision model;

a computer implemented decision monitor for monitoring the state of the at least one decision model;

a computer implemented transaction approval processor for determining if a transaction to buy or sell the security is appropriate if the at least one decision model enters the buy state or the sell state; and

a computer implemented transaction submission processor for submitting a transaction to buy or sell the security if approved by the transaction approval processor,

wherein the decision monitor continuously monitors the at least one decision model and the security is repeatedly bought and sold based on the state of the at least one decision model and the determination of the transaction approval processor.

45.   (Previously presented) The automated trading system of claim 44, wherein the logic of the decision model is defined by the user.

46.   (Previously presented) The automated trading system of claim 44, wherein the logic of the decision model comprises a moving average.

47.   (Previously presented) A method of automated and repeated buying and selling a security through a brokerage having a computer system that is in communication with at least one market computer system, wherein the brokerage computer system comprises an automated trading system for repeated buying and selling the security based on under defined decision models, the method comprising:

providing for selecting at least one decision model for automated and repeated buying and selling of the security through the automated trading system, wherein the decision model comprises a mathematical expression, wherein the mathematical expression comprises a mathematical function of data for at least one of the security, a market, and a market maker;

selecting at least one decision model;

inputting data into at least one of the selected decision models;

resolving the mathematical expression of at least one of the selected decision models;

comparing the result of the mathematical expression of at least one of the selected decision models with a decision point wherein the comparison results in a decision comprising a decision to buy, a decision to sell, or no decision.

if the decision to buy is reached then submitting an order to buy the security to a market computer system wherein the order to buy is executed;

if the decision to sell is reached then submitting an order to sell the security to the market computer system wherein the order to sell is executed; and

continuing inputting data into at least one of the selected decision models and iteratively repeating the above steps starting with resolving the mathematical expression, until the automated trading of the security is stopped.